## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

- 1. (Currently Amended) An ultrasonic dental insert comprising:
  - a transducer for generating ultrasonic vibrations;
- a tip for applying the ultrasonic vibrations at a location inside the mouth of a patient;
- a connecting body disposed between and attached to the transducer and the tip, the connecting body for transmitting the ultrasonic vibrations from the transducer to the tip;
- a retaining ring snapped onto the connecting body, the retaining ring having a hole formed thereon; and
- a hand grip fitted at least partially over the connecting body and the retaining ring.
- 2. (Previously Presented) An ultrasonic dental insert comprising:
  - a transducer for generating ultrasonic vibrations;
- a tip for applying the ultrasonic vibrations at a location inside the mouth of a patient;
- a connecting body disposed between and attached to the transducer and the tip, the connecting body for transmitting the ultrasonic vibrations from the transducer to the tip;
  - a retaining ring snapped onto the connecting body; and
- a hand grip fitted at least partially over the connecting body and the retaining ring,

wherein the retaining ring comprises a pair of gripping elements for snapping onto the connecting body.

- 3. (Original) The ultrasonic dental insert of claim 2, wherein the connecting body has formed thereon a pair of indentations for engaging the pair of gripping elements.
- 4. (Currently Amended) The ultrasonic dental insert of claim 1, wherein the retaining ring has a connecting portion for fitting over a corresponding portion of the connecting body, wherein [[a]] the hole is formed on a surface of the connecting portion.

## 5. (Canceled)

- 6. (Previously Presented) The ultrasonic dental insert of claim 1, wherein the hand grip defines a passageway formed near the tip for delivering fluid to the location inside the mouth.
- 7. (Original) The ultrasonic dental insert of claim 1, further comprising a first O-ring, wherein the retaining ring has a first groove formed thereon for seating the first O-ring, and wherein the first O-ring provides a water tight sealing between the retaining ring and the hand grip.
- 8. (Original) The ultrasonic dental insert of claim 7, further comprising a second O-ring, wherein the retaining ring has a second groove formed thereon for seating the second O-ring, and wherein the second O-ring provides a pressure fitting engagement between the ultrasonic dental insert and an ultrasonic dental handpiece.

- 9. (Original) The ultrasonic dental insert of claim 1, wherein the hand grip has an undercut formed on its inside surface, wherein the retaining ring has a first flange formed thereon, and wherein the first flange fits tightly with the undercut.
- 10. (Original) The ultrasonic dental insert of claim 9, wherein the hand grip has a depressed region formed on its inside surface below the undercut, wherein a radius of the depressed region is larger than that of the undercut, wherein the retaining ring has a second flange formed thereon, and wherein the second flange fits tightly with the depressed region.
- 11. (Original) The ultrasonic dental insert of claim 1, further comprising an O-ring, wherein the connecting body has a groove formed thereon for seating the O-ring, and wherein the O-ring forms a seal with an opening of the hand grip near the tip, so as to prevent undesired water leakage.
- 12. (Original) The ultrasonic dental insert of claim 1, wherein the transducer comprises a stack of nickel plates.
- 13. (Original) The ultrasonic dental insert of claim 1, wherein the hand grip has a protrusion formed on its inner surface for guiding the hand grip to fit over the retaining ring.
- 14. (Previously Presented) A method of assembling an ultrasonic dental insert comprising a tip attached to a connecting body, a transducer attached to the connecting body, a retaining ring and a hand grip, the method comprising:

snapping the retaining ring onto the connecting body, the retaining ring having a hole formed on its surface, adapted for passing fluid into the ultrasonic dental insert; and

fitting the hand grip to the retaining ring and the connecting body by sliding it at least partially over the connecting body and the retaining ring.

- 15. (Original) The method of claim 14, wherein the retaining ring includes a pair of gripping elements, and wherein the snapping comprises snapping the pair of gripping elements onto the connecting body.
- 16. (Original) The method of claim 15, wherein the connecting body has formed thereon a pair of indentations, and wherein the snapping comprises snapping the pair of gripping elements into the pair of indentations.
- 17. (Original) The method of claim 14, wherein the retaining ring includes a connecting portion, and snapping comprises fitting the connecting portion over a corresponding portion of the connecting body.
  - 18. (Original) An ultrasonic dental unit comprising: an insert comprising:
    - a transducer for generating ultrasonic vibrations;
- a tip for applying the ultrasonic vibrations at a location inside the mouth of a patient;
- a connecting body disposed between and attached to the transducer and the tip, the connecting body for transmitting the ultrasonic vibrations from the transducer to the tip;

- a retaining ring snapped onto the connecting body;
  and
- a hand grip fitted at least partially over the connecting body and the retaining ring;
- a handpiece for receiving the insert, the handpiece comprising a coil assembly for energizing the transducer, and a body for housing the coil assembly and receiving the insert.
- 19. (Original) The ultrasonic dental unit of claim 18, further comprising an electrical energy & fluid source for supplying electrical signals and fluid to the handpiece.
- 20. (Original) The ultrasonic dental unit of claim 18, wherein the retaining ring comprises a pair of gripping elements for snapping onto the connecting body.
- 21. (Original) The ultrasonic dental unit of claim 20, wherein the connecting body has formed thereon a pair of indentations for engaging the pair of gripping elements.
- 22. (Original) The ultrasonic dental unit of claim 18, wherein the retaining ring has a connecting portion for fitting over a corresponding portion of the connecting body.
- 23. (Original) The ultrasonic dental unit of claim 18, wherein the hand grip is slid over the connecting body in a direction of an axis of the connecting body to be fitted at least partially over the connecting body and the retaining ring.
- 24. (Previously Presented) The ultrasonic dental insert of claim 13, wherein the retaining ring comprises a hole on its

surface adapted for passing fluid into the ultrasonic dental insert.

- 25. (Previously Presented) An ultrasonic dental insert comprising:
  - a transducer for generating ultrasonic vibrations;
- a tip for applying the ultrasonic vibrations at a location inside the mouth of a patient;
- a connecting body disposed between and attached to the transducer and the tip, the connecting body for transmitting the ultrasonic vibrations from the transducer to the tip;
- a retaining ring snapped onto the connecting body, the retaining ring having a hole formed on its surface, adapted for passing fluid into the ultrasonic dental insert; and
- a hand grip fitted at least partially over the connecting body and the retaining ring.
- 26. (Previously Presented) The ultrasonic dental insert of claim 25, wherein the hand grip has a protrusion formed on its inner surface for guiding the hand grip to fit over the retaining ring.